

INFORMATION DISCLOSURE STATEMENT

Applicant : DiBene, et al.
App. No. : 10/036,957
Filed : December 20, 2001
For : ULTRA-LOW IMPEDANCE POWER
INTERCONNECTION SYSTEM FOR
ELECTRONIC PACKAGES
Examiner : Dinh, T.
Group Art Unit : 2827

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 20 references that are also enclosed.

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(c)(2) before the mailing date of a final action and before the mailing of a Notice of Allowance. This Statement is accompanied by the fees set forth in 37 C.F.R. § 1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: Dec 12, 2003

By: Raymond B. Hom

Raymond B. Hom
Registration No. 44,773
Attorney of Record
Customer No. 20,995
(619) 235-8550

S:\DOCS\RBH\RBH-2426.DOC
121203

01/05/2004 SSESHE1 00000078 10036957

01 FC:1806

180.00 OP

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
INCEP.017AAPPLICATION NO.
10/036957INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
DiBene II, et al.FILING DATE
December 20, 2001GROUP
2835

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	5,413,489	05/09/95	Switky, Andrew			
	2	5,770,891	06/23/98	Frankeny, et al.			
	3	6,226,179	05/01/01	Lee, Sung-Bae			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	4	EP 0 582 145 A1	02/09/94	EPO				
	5	EP 0 910 235 A1	04/21/99	EPO				
	6	EP 0 920 055 A2	06/02/99	EPO				
	7	JP 03041753	02/22/91	Japan				
	8	JP 08204304	08/09/96	Japan				
	9	JP 08330699	12/13/96	Japan				
	10	JP 1174427	07/11/89	Japan				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	11	Chung, "Ball-Grid-Array Package Thermal Management," 14th IEEE Semi-therm TM Symposium, 1998, 78-87
	12	XP000124263, IBM Tech Disc Bulletin, "Multiple Electronic Board.... System," 1994, 33(3B):55-56
	13	IBM Corp. Technical Disclosure Bulletin, "Pin Fin Array Heat Pipe Apparatus," September 1994, Vol. 37, No. 9, 1pp.

EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
INCEP.017AAPPLICATION NO.
10/036957INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
DiBene II, et al.FILING DATE
December 20, 2001GROUP
2835

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	14	JP 57066654	04/22/82	Japan				
	15	JP 58175851	10/15/83	Japan				
	16	WO 01/65344	09/07/01	PCT				
	17	WO 01/67512	09/13/01	PCT				
	18	WO 01/06821 A1	01/25/01	PCT				
	19	WO 01/33927 A1	05/10/01	PCT				
	20	WO 96/23397	08/01/96	PCT				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

S:\DOCS\RBH\RBH-2045.DOC:060203

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</p>	